


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER RW 33-34B SWD				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED				
4. TYPE OF WELL Water Disposal Well      Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME RED WASH				
6. NAME OF OPERATOR QEP ENERGY COMPANY						7. OPERATOR PHONE 303 308-3068				
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, Ut, 84078						9. OPERATOR E-MAIL debbie.stanberry@qepres.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU0933			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		1922 FSL 1804 FEL		NWSE	34	7.0 S	23.0 E	S		
Top of Uppermost Producing Zone		1922 FSL 1804 FEL		NWSE	34	7.0 S	23.0 E	S		
At Total Depth		1922 FSL 1804 FEL		NWSE	34	7.0 S	23.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1804			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2835			26. PROPOSED DEPTH MD: 3353 TVD: 3353				
27. ELEVATION - GROUND LEVEL 5443			28. BOND NUMBER ESB000024			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-251/49-2153				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	9.625	0 - 500	36.0	J-55 ST&C	0.0	Premium Plus	232	1.35	14.8
Prod	8.75	7	0 - 2923	23.0	J-55 LT&C	9.5	Halliburton Premium , Type Unknown	393	1.49	13.5
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Valyn Davis				TITLE Regulatory Affairs Analyst				PHONE 435 781-4369		
SIGNATURE				DATE 09/18/2013				EMAIL Valyn.Davis@qepres.com		
API NUMBER ASSIGNED 43047539950000				APPROVAL  Permit Manager						

## **QEP Energy Company**

### **RW 33-34B SWD New Vertical Well Summarized Procedure**

1. MIRU surface rig.
2. Drill 12 1/4" surface hole to 500'.
3. Run 9 5/8", 36#, J-55, STC casing and cement to surface.
4. RDMO surface rig.
5. MIRU.
6. PU straight hole BHA, drill out surface casing and 10' of new formation, run FIT.
7. Drill 7 7/8" hole to 2,923'.
8. TOOH to run casing.
9. PU and run 7", 23.0#, J-55, LTC casing to TD, cement casing.
10. TIH with, Circulate.
11. PU straight hole 6-1/8" bit BHA, drill out surface casing and 10' of new formation, run FIT.
12. Drill to TD of 3,353'.
13. POOH and LDDP.
14. RIH with RBP to 2,800' and set.
15. RDMOL.

**CONFIDENTIAL**

ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 33-34B SWD

## DRILLING PROGRAM

### ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

#### 1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	2,698'
Bird's Nest	2,943'
TD	3,353'

#### 2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
None	None	None

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # 49-251 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 33-34B SWD

## DRILLING PROGRAM

### 3. Operator's Specification for Pressure Control Equipment:

Pressure control equipment will not be required for this well as it is standard operating procedure to drill through the Bird's Nest formation in this area for surface strings without BOPE.

### 4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	MW
17-1/2"	14"	sfc	90'	Steel	Cond.	None	Used	Air
12-1/4"	9-5/8"	sfc	500'	36.0	J-55	STC	New	Air
8-3/4"	7"	sfc	2,923'	23.0	J-55	LTC	New	8-9.5 ppg

**Note: The well will be drilled out from under the 7" to TD and left openhole.**

Casing Strengths:				Collapse	Burst	Tensile (min)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	23.0 lb.	J-55	LTC	3,270 psi	4,350 psi	313,000 lb.

### MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125

BURST: 1.10

TENSION: 1.80

Area Fracture Gradient: 0.65 psi/foot

Maximum anticipated mud weight: 9.0 ppg

Maximum surface treating pressure: N/A

Over pull margin (minimum): 100,000 lbs



ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 33-34B SWD

## DRILLING PROGRAM

### 5. Cementing Program

#### **14" Conductor:**

Cement to surface with construction cement.

#### **9-5/8" Surface Casing: sfc – 500' (MD)**

**Lead/Tail Slurry:** 0' – 500', 232 sks (313 cu ft) Premium Plus – Type III + 2% Calcium Chloride + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.8 ppg, Slurry yield: 1.35 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" to TD and hole + 100% excess.

#### **7" Production Casing: sfc – 2,923' (MD)**

**Lead/Tail Slurry:** sfc – TD. 393 sks (585 cu ft) EXPANDACEM V3(Halliburton) + 0.2% HR-800 (Retarder) + 0.125 lb/sk Poly-E-Flake (LCM) + 1 lbm/sk Granulite TR ¼ (LCM). Slurry wt: 13.5 ppg, Slurry yield: 1.49 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 40% excess.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the production string.

### 6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes
- F. Request for Variance

Possibility of drilling surface hole with air or aerated fluid:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III Requirements, subsection E. Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is 500' and high pressures are not expected.

ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 33-34B SWD

### DRILLING PROGRAM

1. **Properly lubricated and maintained rotating head** – A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
  2. **Blooiie line discharge 100 feet from wellbore and securely anchored** – the blooiie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
  3. **Automatic igniter or continuous pilot light on blooiie line** – a diffuser will be used rather than an automatic pilot/igniter. Water is injected into the compressed air and eliminates the need for a pilot light and the need for dust suppression equipment.
  4. **Compressors located in the opposite direction from the blooiie line a minimum of 100 feet from the wellbore** – compressors located within 50 feet on the opposite side of the wellbore from the blooiie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valves on the compressors, 3) spark arrestors on the motors.
  5. **Well Kill Fluid** – A suitable amount of water and weighting agents will be available in the reserve pit during air drilling operations to kill the well, if necessary. No overpressured zones are expected in the area.
  6. **Deflector on the end of the blooiie line** – Questar will mount a deflector unit at the end of the blooiie line for the purpose of changing the direction and velocity of the air and cuttings flow into the reserve pit. Changing the velocity and direction of the cuttings and air will preserve the pit liner. In the event the deflector washes out due to erosion caused by the sand blasting effect of the cuttings, there will be no problem because the deflector is mounted on the very end of the blooiie. A washed out deflector will be easily replaced.
  7. **Flare Pit** – there will be no need of a flare pit during the surface hole air drilling operation because the blooiie line is routed directly to the reserve pit. When the big rig arrives for the main drilling after setting surface casing, a flare box will be installed and all flare lines will be routed to the flare box.
- G. All other operations and equipment for air/gas drilling shall meet specifications in Onshore Order #2, Section III Requirements, subsection E. Special Drilling Operations and Onshore Order #1.
- H. Drilling below the 9-5/8" casing will be done with water based mud. Maximum anticipated mud weight is 9.0 ppg.
- I. No minimum quantity of weight material will be required to be kept on location.
- J. Gas detector will be used from surface casing depth to TD.

Gas detector will be used from surface casing depth to TD.

ONSHORE OIL & GAS ORDER NO. 1  
QEP ENERGY COMPANY  
RW 33-34B SWD

DRILLING PROGRAM

7. **Testing, logging and coring program**

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – none anticipated
- D. Formation and Completion Interval: Bird's Nest intervals, final determination of completion will be made by analysis of logs.  
Stimulation – none anticipated

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2,300 psi. Maximum anticipated bottom hole temperature is 120° F.

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T7S, R23E, S.L.B.&M.

QEP ENERGY COMPANY

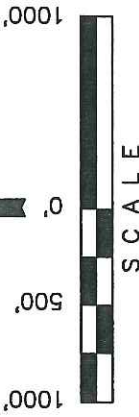
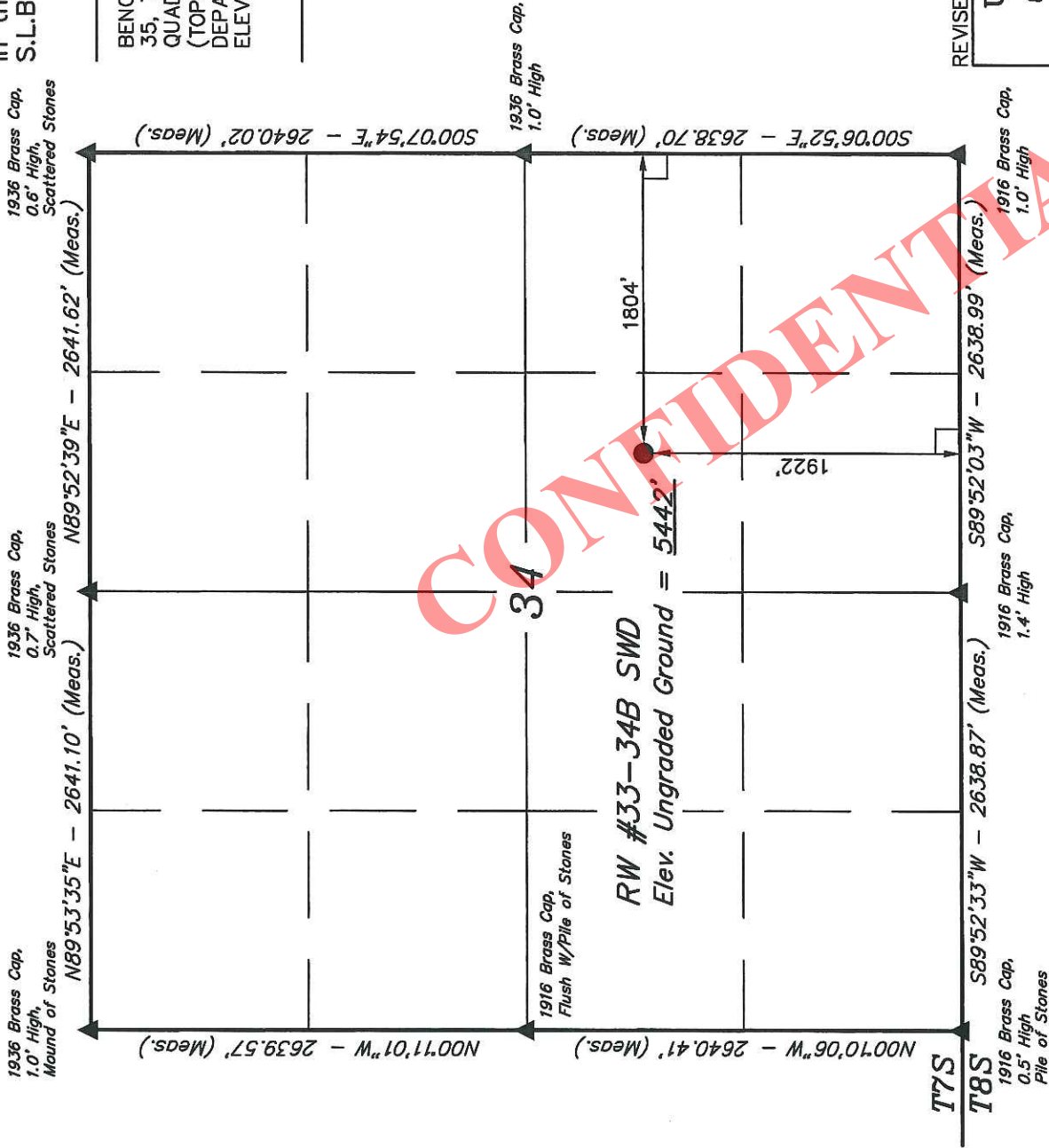
Well location, RW #33-34B SWD, located as shown in the NW 1/4 SE 1/4 of Section 34, T7S, R23E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR

REGISTRATION NO. 161319

STATE OF UTAH 03-22-13

REVISED: 03-18-13 R.L.L.

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°09'50.73" (40.164092)

LONGITUDE = 109°18'36.77" (109.310214)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°09'50.86" (40.164128)

LONGITUDE = 109°18'34.32" (109.309533)

STATE PLANE NAD 83

N: 7235986.24 E: 2252329.49

SCALE

1" = 1000'

PARTY

J.W. D.W. C.P.

WEATHER

COLD

DATE SURVEYED:

01-25-08

DATE DRAWN:

01-30-08

REFERENCES

G.L.O. PLAT

FILE

QEP ENERGY COMPANY



# QEP ENERGY COMPANY

**RW #33-34B SWD**

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 34, T7S, R23E, S.L.B.&M.

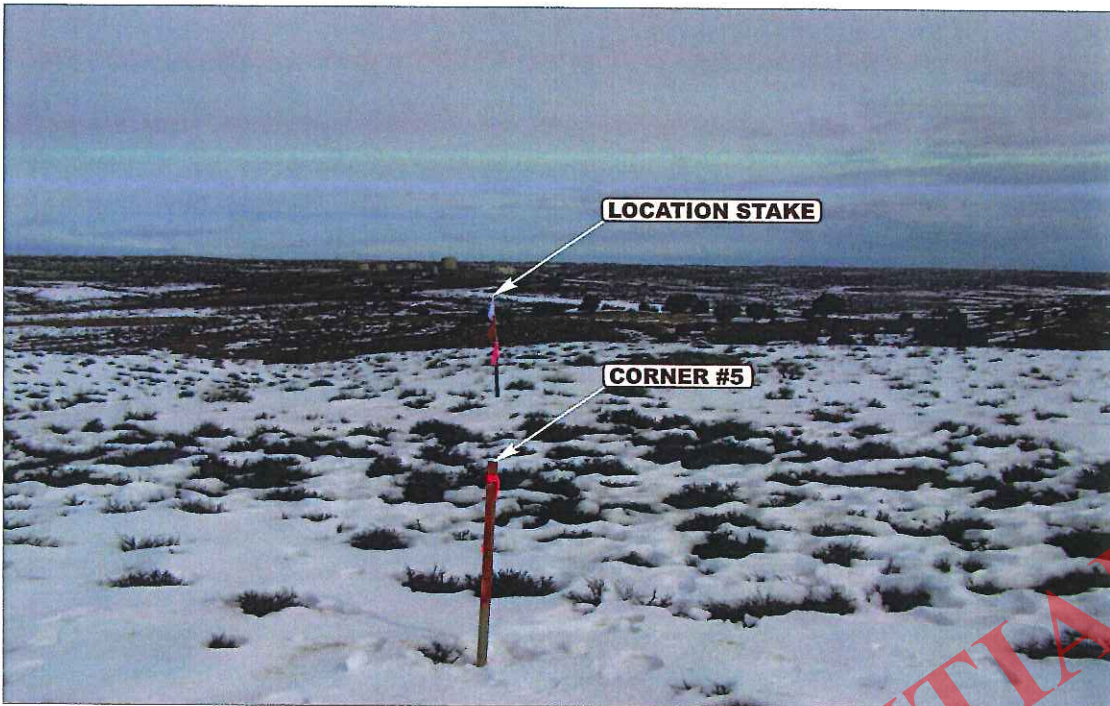


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

**UELS**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**LOCATION PHOTOS**

**01 31 08**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: J.C.

DRAWN BY: C.P.

REV: 05-14-13 B.D.H.



## QEP ENERGY COMPANY

## LOCATION LAYOUT FOR

RW #33-34B SWD  
SECTION 34, T7S, R23E, S.L.B.&M.  
1922' FSL 1804' FEL

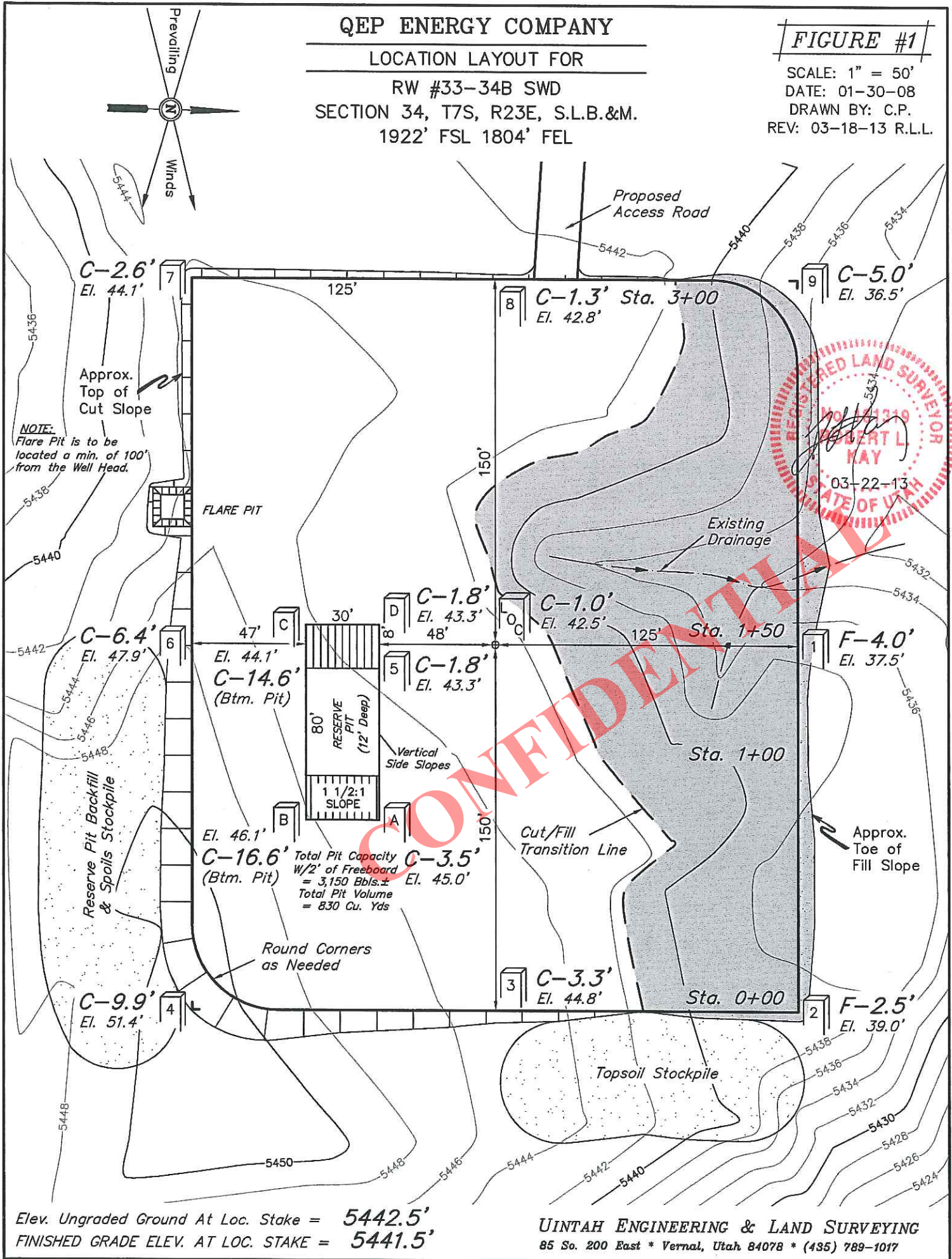
FIGURE #1

SCALE: 1" = 50'

DATE: 01-30-08

DRAWN BY: C.P.

REV: 03-18-13 R.L.L.



## QEP ENERGY COMPANY

## TYPICAL CROSS SECTIONS FOR

RW #33-34B SWD

SECTION 34, T7S, R23E, S.L.B.&amp;M.

1922' FSL 1804' FEL

FIGURE #2

X-Section  
Scale  
1" = 50'

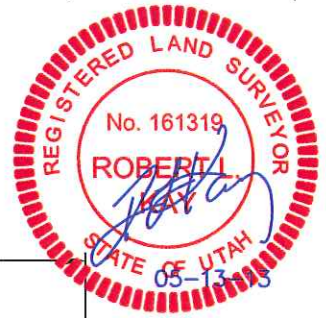
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DATE: 01-30-08

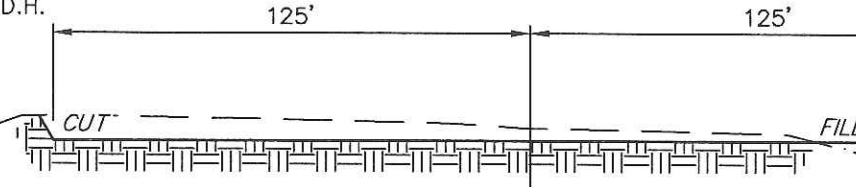
DRAWN BY: C.P.

REV: 03-18-13 R.L.L.

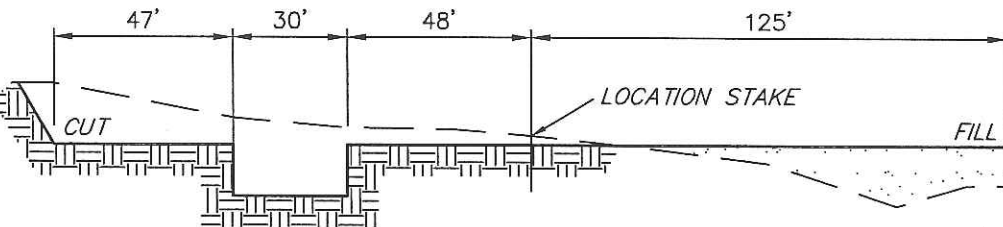
REV: 05-14-13 B.D.H.



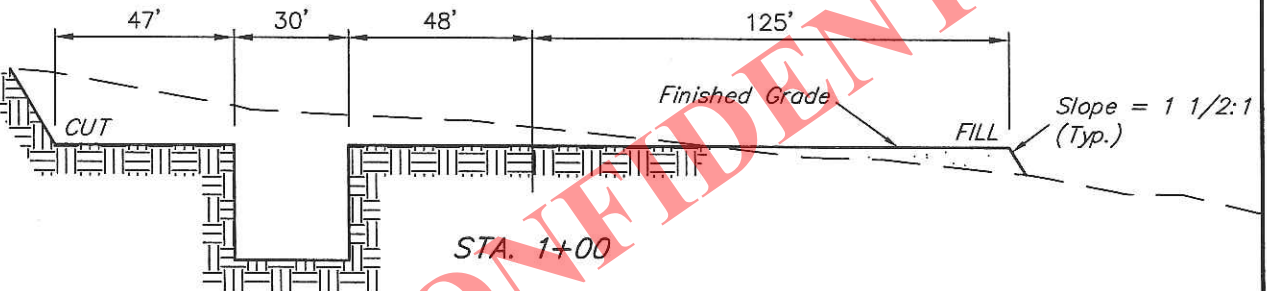
Preconstruction  
Grade



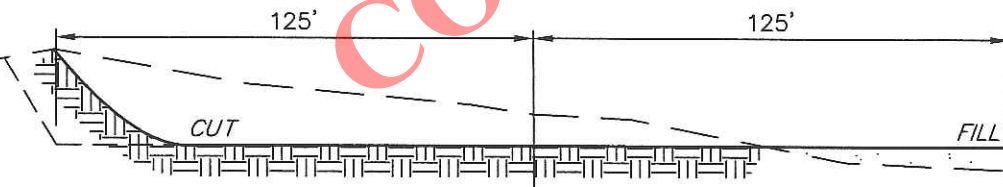
STA. 3+00



STA. 1+50



STA. 1+00



STA. 0+00

## NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 2.204 ACRES  
ACCESS ROAD DISTURBANCE = ± 0.497 ACRES  
PIPELINE DISTURBANCE = ± 2.365 ACRES  
TOTAL = ± 5.066 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

## APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,520 Cu. Yds.  
Remaining Location = 5,750 Cu. Yds.  
TOTAL CUT = 7,270 CU. YDS.  
FILL = 3,290 CU. YDS.

EXCESS MATERIAL = 3,980 Cu. Yds.  
Topsoil & Pit Backfill = 1,940 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 2,040 Cu. Yds.  
(After Interim Rehabilitation)

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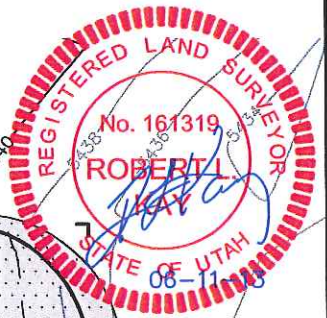
**QEP ENERGY COMPANY**  
**PRODUCTION FACILITY LAYOUT FOR**  
 RW #33-34B SWD  
 SECTION 34, T7S, R23E, S.L.B.&M.  
 1922' FSL 1804' FEL

**FIGURE #3**

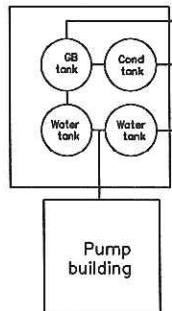
SCALE: 1" = 50'  
 DATE: 06-07-13  
 DRAWN BY: K.O.



Access Road  
 Flowline



Approx.  
 Top of  
 Cut Slope



MCC

● WELL HEAD

Cut/Fill  
 Transition Line

Approx.  
 Toe of  
 Fill Slope

Topsoil Stockpile



RECLAIMED AREA

**APPROXIMATE ACREAGE**  
 UN-RECLAIMED = ± 1.285 ACRES

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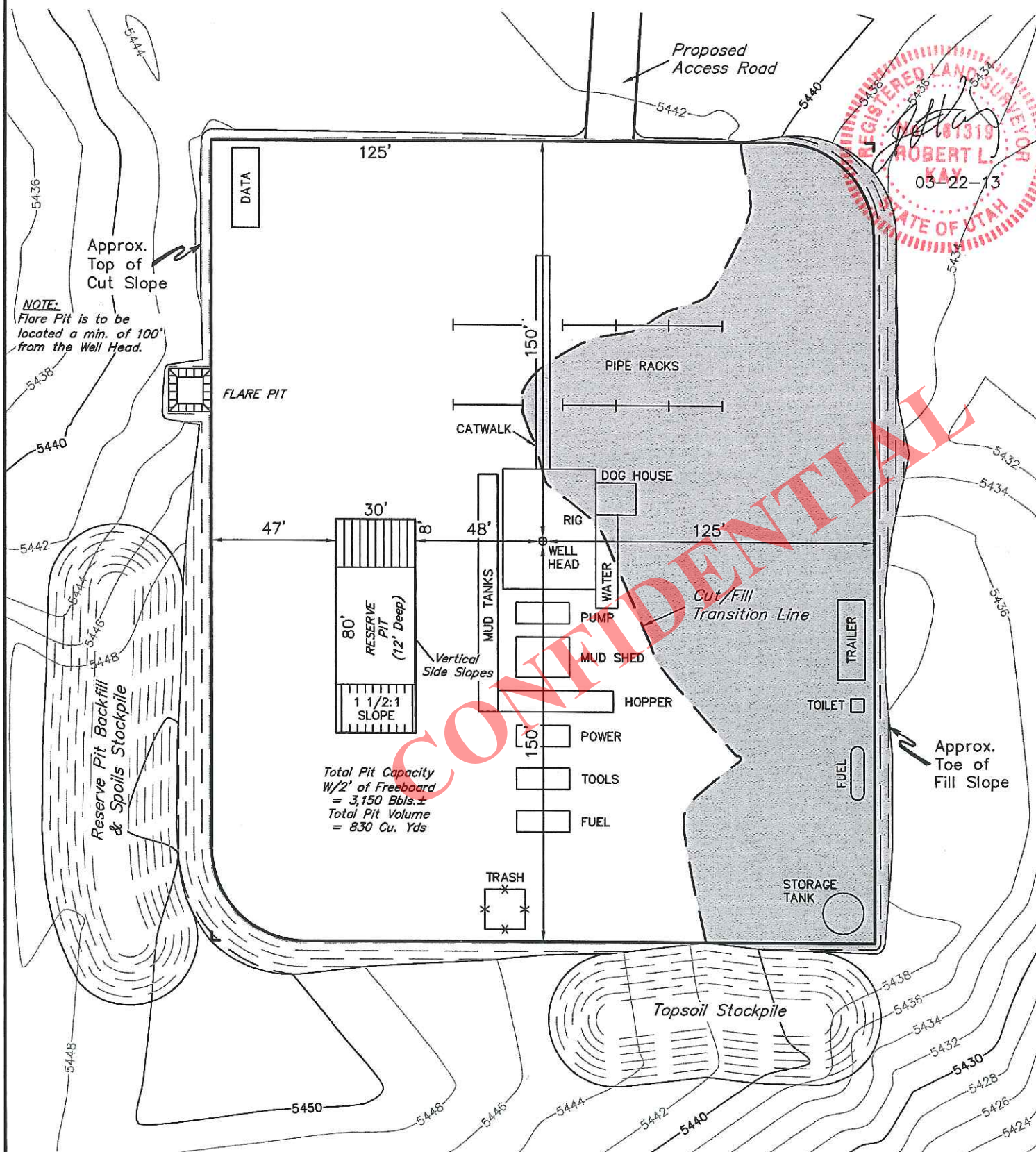
## QEP ENERGY COMPANY

## TYPICAL RIG LAYOUT FOR

RW #33-34B SWD  
SECTION 34, T7S, R23E, S.L.B.&M.  
1922' FSL 1804' FEL

FIGURE #3

SCALE: 1" = 50'  
DATE: 03-18-13  
DRAWN BY: R.L.L.



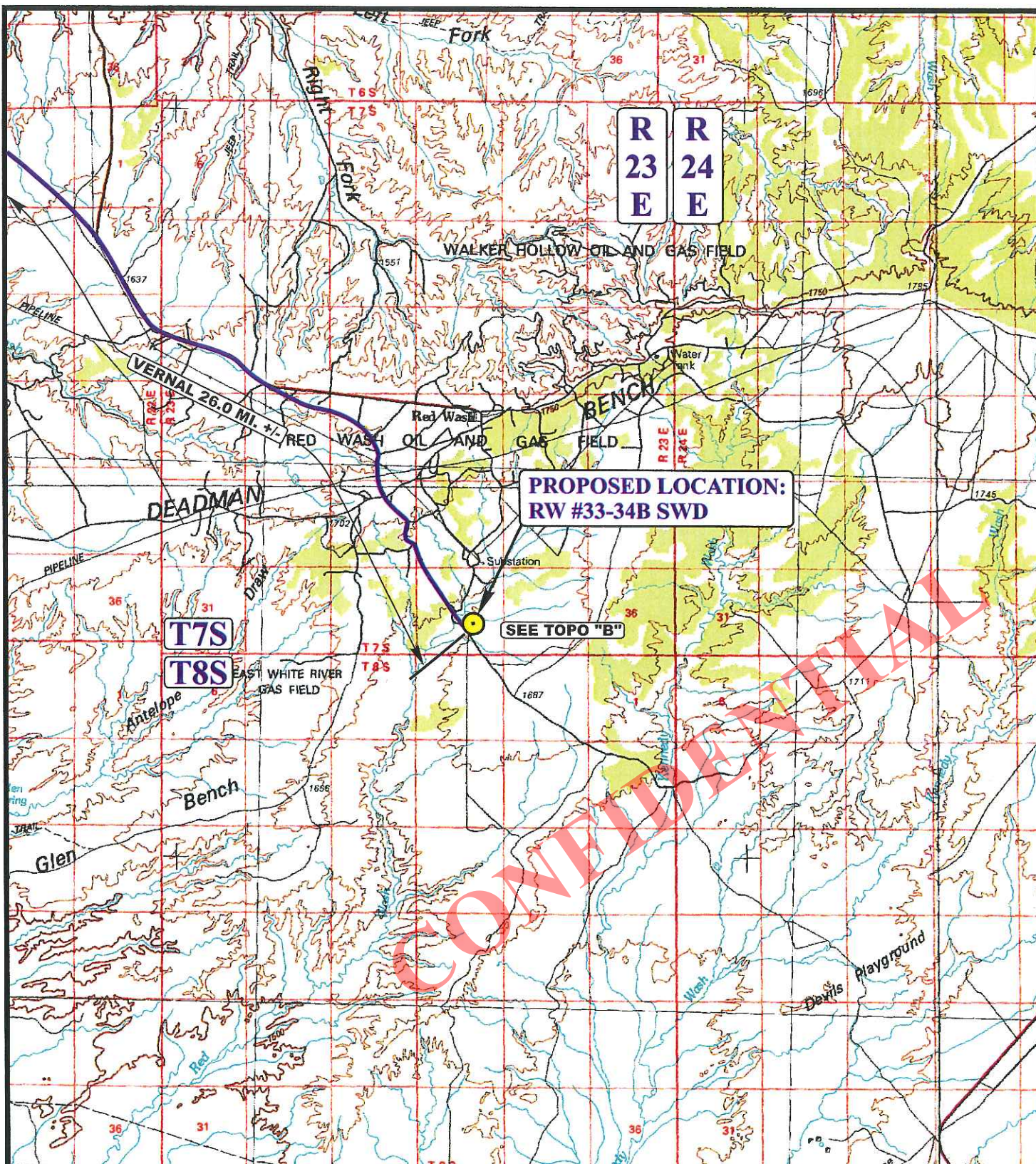
QEP ENERGY COMPANY  
RW #33-34B SWD  
SECTION 34, T7S, R23E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 22.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN AN NORTHEASTERLY THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 722' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.1 MILES.

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**LEGEND:**

PROPOSED LOCATION

**QEP ENERGY COMPANY****RW #33-34B SWD****SECTION 34, T7S, R23E, S.L.B.&M.****1922' FSL 1804' FEL**

**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**ACCESS ROAD**  
**MAP**

**01 31 08**  
MONTH DAY YEAR

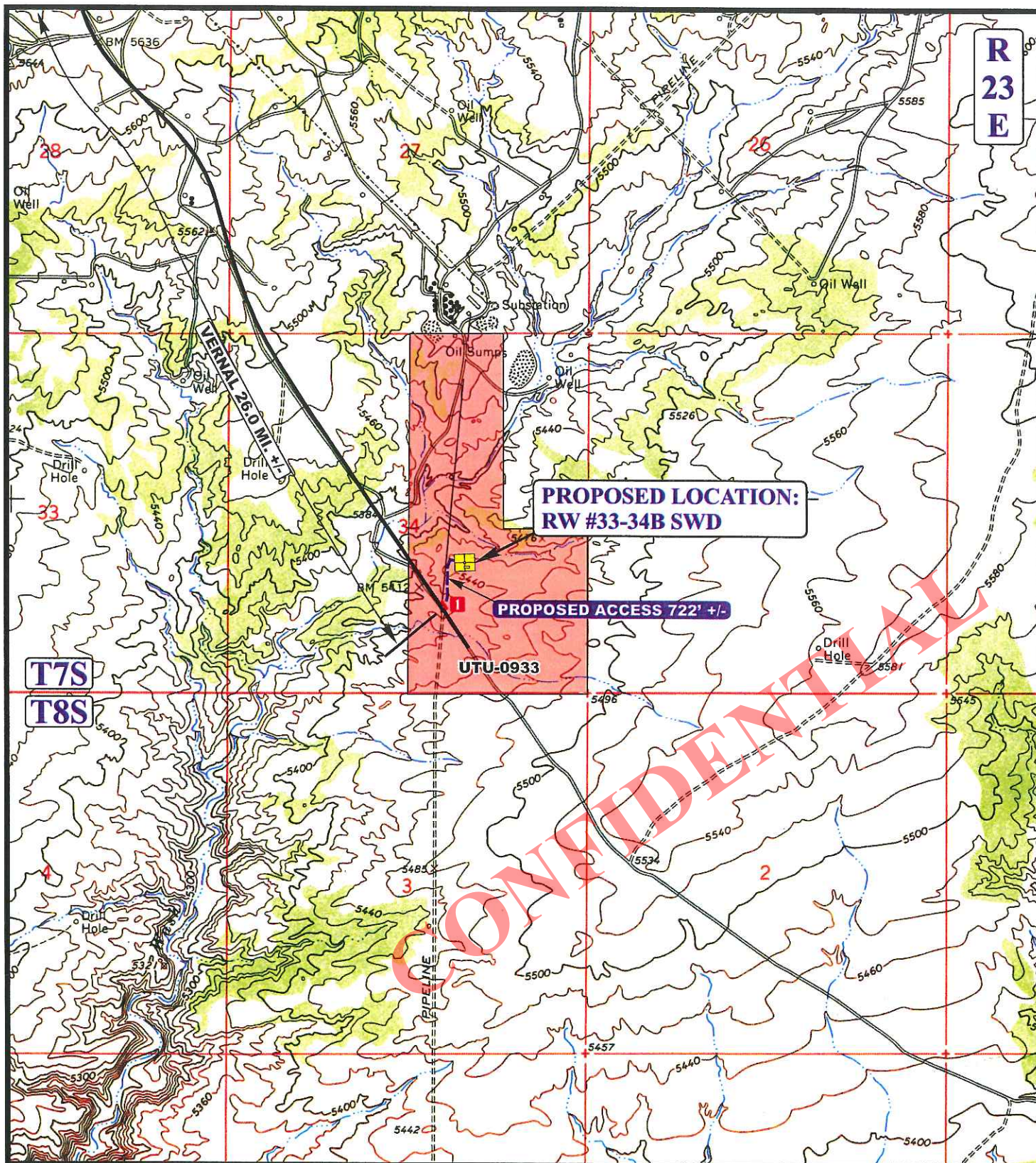
SCALE: 1:100,000

DRAWN BY: C.P.

REV: 05-14-13 B.D.H.

**A**  
**TOPO**





**LEGEND:**

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- 1 INSTALL 18" CMP



**QEP ENERGY COMPANY**

**RW #33-34B SWD**  
**SECTION 34, T7S, R23E, S.L.B.&M.**  
**1922' FSL 1804' FEL**



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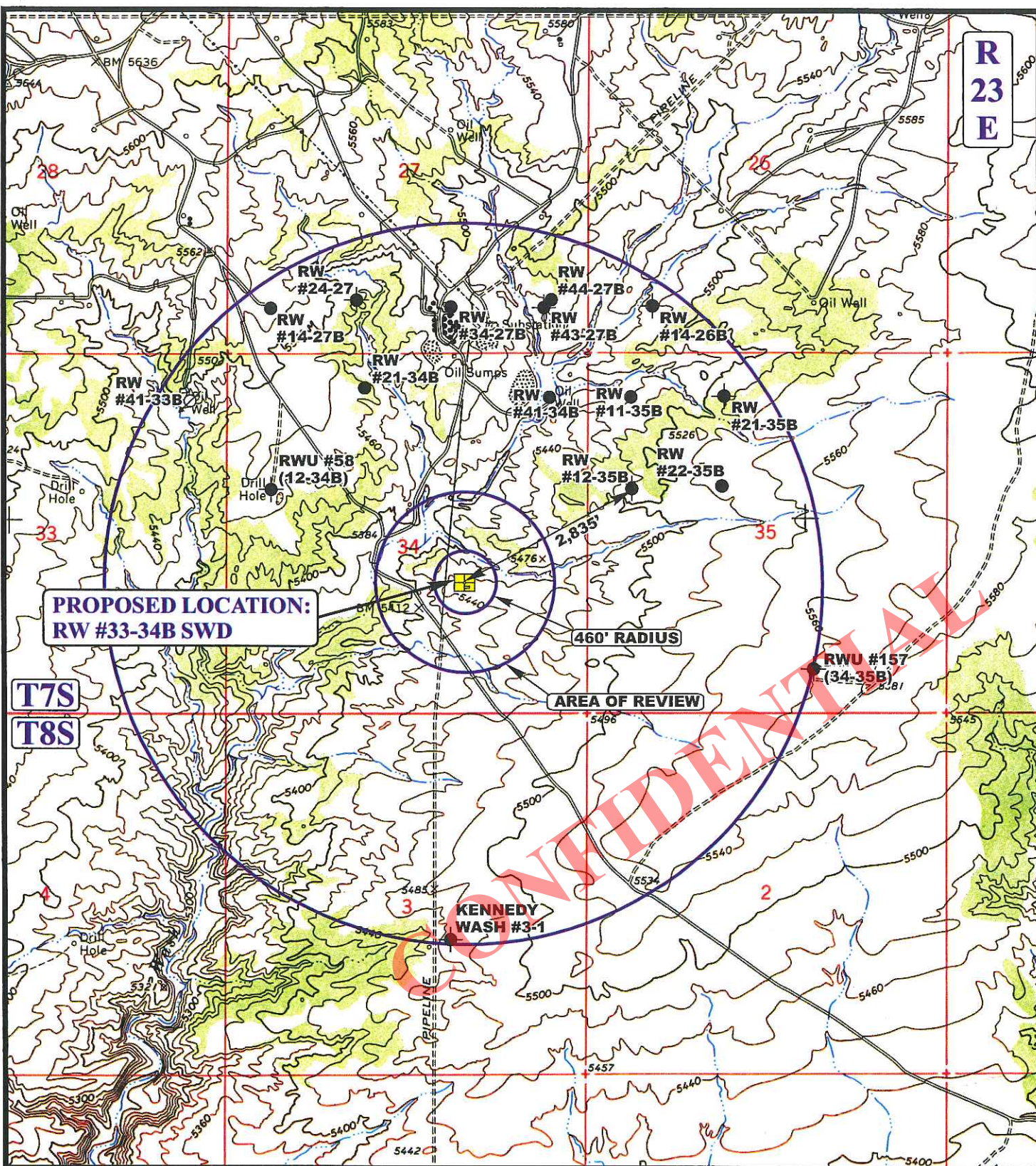
**ACCESS ROAD**  
**MAP**

**01 31 08**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REV: 05-14-13 B.D.H.

**B**  
 TOPO



**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ● ABANDONED WELLS       |
| ● PRODUCING WELLS | ● TEMPORARILY ABANDONED |
| ● SHUT IN WELLS   |                         |

**QEP ENERGY COMPANY**

**RW #33-34B SWD**  
**SECTION 34, T7S, R23E, S.L.B.&M.**  
**1922' FSL 1804' FEL**



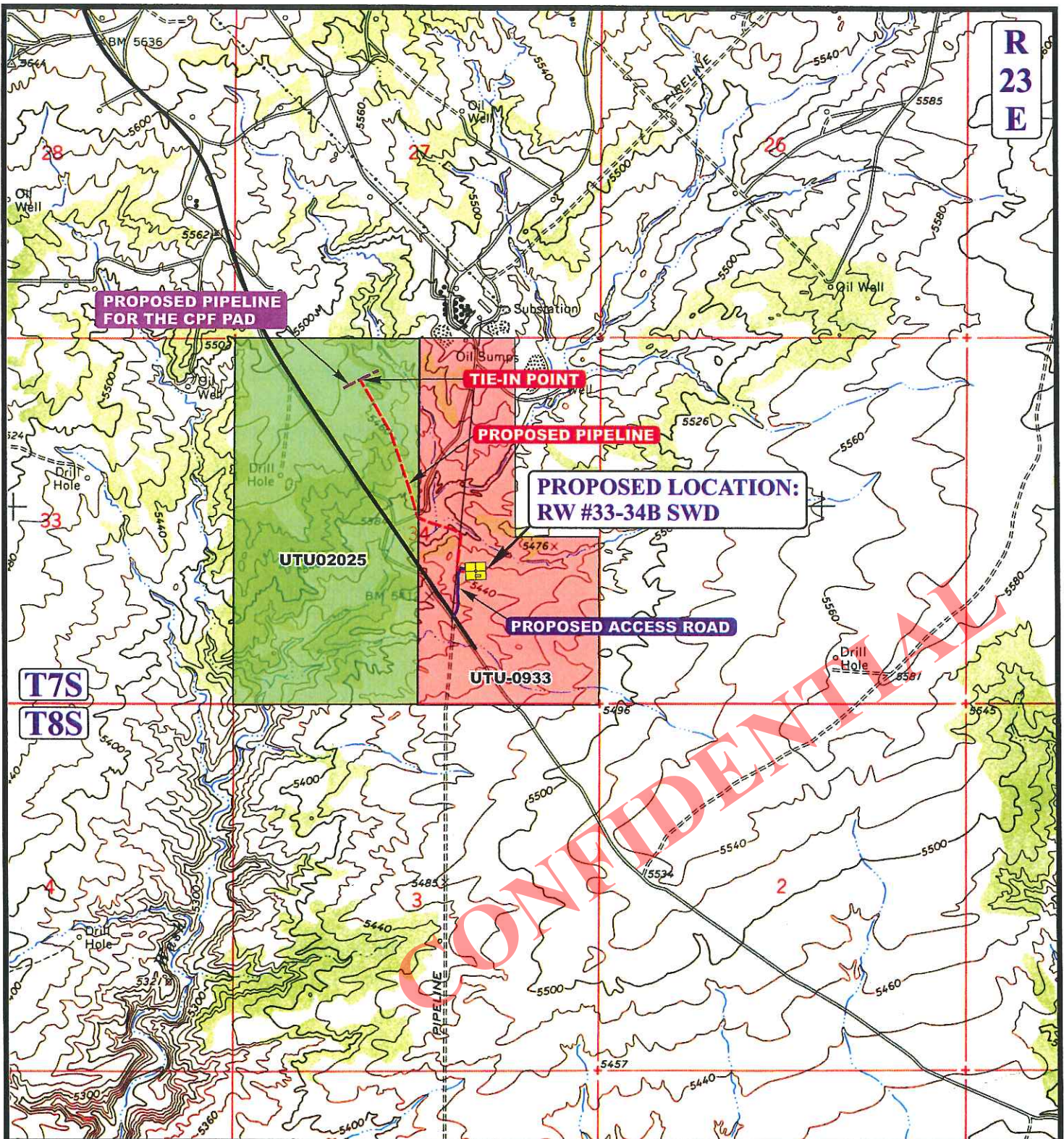
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 01 31 08  
**MAP** MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REV: 03-26-13 A.H.







**APPROXIMATE TOTAL PIPELINE DISTANCE = 3,434' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)

**N**

**QEP ENERGY COMPANY**

**RW #33-34B SWD  
SECTION 34, T7S, R23E, S.L.B.&M.  
1922' FSL 1804' FEL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**01 31 08**  
MONTH DAY YEAR

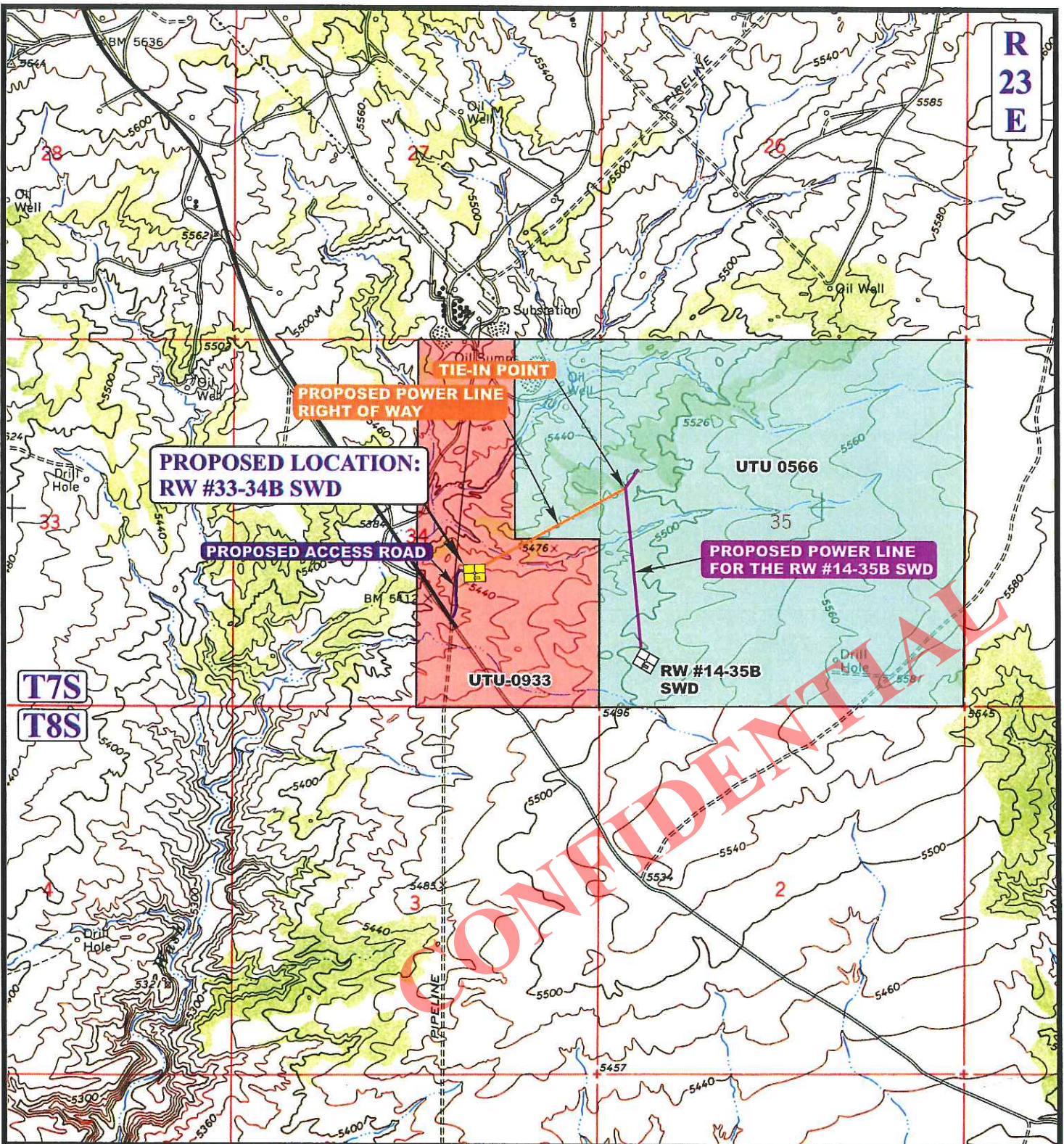
SCALE: 1" = 1000'

DRAWN BY: C.P.

REV: 05-14-13 B.D.H.

**D**  
TOPO





**APPROXIMATE TOTAL POWER LINE DISTANCE = 2,297' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- PROPOSED POWER LINE
- PROPOSED POWER LINE (SERVICING OTHER WELLS)



**QEP ENERGY COMPANY**

**RW #33-34B SWD**  
**SECTION 34, T7S, R23E, S.L.B.&M.**  
**1922' FSL 1804' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**03** **19** **13**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: A.T. REV: 05-14-13 B.D.H.

**E**  
**TOPO**



# QEP ENERGY COMPANY

## RW #33-34B SWD

LOCATED IN UTAH COUNTY, UTAH  
SECTION 34, T7S, R23E, S.L.B.&M.



### NOTE:

#### BEGINNING OF REFERENCE AREA

NAD 83 Z12 UTM NORTHING: 14590859.418

NAD 83 Z12 UTM EASTING: 2112815.094

(NAD 83) LATITUDE: 40.163753°

(NAD 83) LONGITUDE: -109.309167°

#### END OF REFERENCE AREA

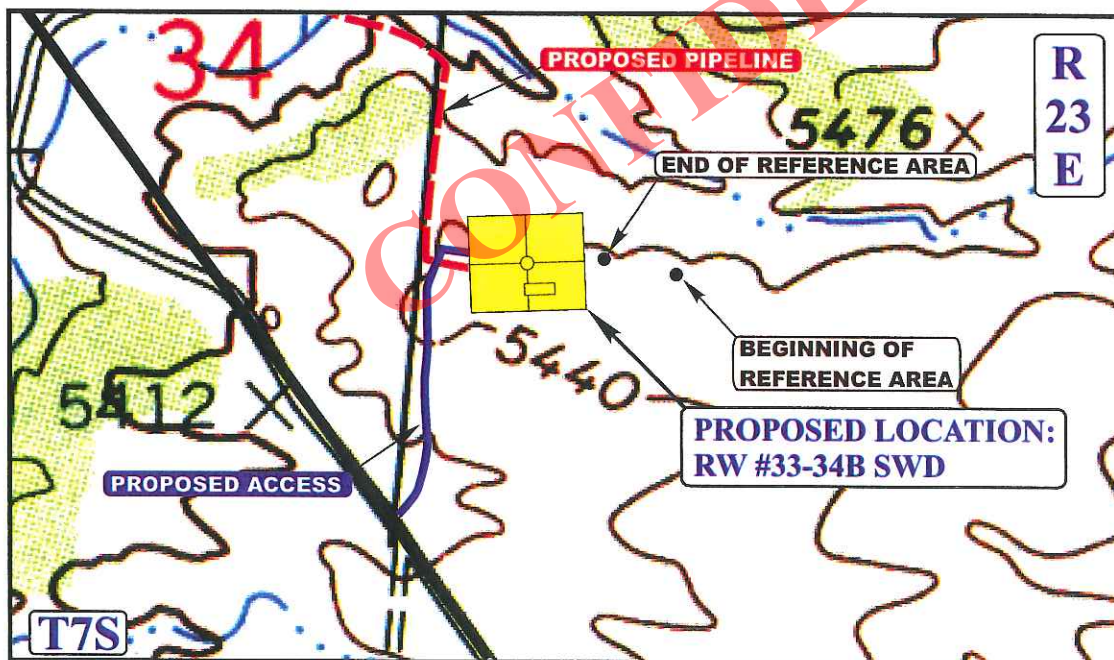
NAD 83 Z12 UTM NORTHING: 14590836.477

NAD 83 Z12 UTM EASTING: 2113013.927

(NAD 83) LATITUDE: 40.163678°

(NAD 83) LONGITUDE: -109.308456°

PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA



- Since 1964 -

**U  
E  
L  
S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

SCALE: 1" = 500'

**05 14 13**  
MONTH DAY YEAR

**REF.**

TAKEN BY: J.C.

DRAWN BY: B.D.H.

REVISED: 00-00-00



**QEP ENERGY COMPANY  
RW 33-34B SWD  
NWSE, SECTION 34, T7S, R23E  
UINTAH COUNTY, UT  
LEASE # UTU-0933**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the RW 33-34B SWD on May 8, 2013. Weather conditions were warm at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Dixie Sadlier	Bureau of Land Management
Jan Nelson	QEP Energy Company
Valyn Davis	QEP Energy Company
Amanda Taylor	QEP Energy Company
Morgan Anderson	QEP Energy Company
Ryan Angus	QEP Energy Company
Jeff Atwood	QEP Energy Company
Bart Hunting	Uintah Engineering & Land Surveying

**1. Existing Roads:**

See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.

The proposed well site is located approximately 26 miles south of Vernal, Utah.

-See attached TOPO Map "A".

Existing roads will be upgraded, maintained and repaired as necessary.

**2. Planned Access Roads:**

**An offlease right-of-way is not required. The entire well pad and access road are located within the Red Wash Unit.**

There will be a new access road approximately 722' in length, 30' in width, containing approximately .497 acres.

New access roads on BLM surface will be crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the BLM.

Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards.

If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed.

All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards.

The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed.

Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided.

When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access

3. **Location of Existing Wells Within a 1-Mile Radius:**

A map will be provided with the site-specific APD showing the location of existing wells within a one mile radius.

Please refer to Topo map C.

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the BLM.

It was determined on the onsite by the BLM VFO/AO that the facilities will be painted Covert Green.

**5. Power line**

Electrification of the well sites will reduce the emissions and increase reliability by removing the gas venting of pumps for the heat trace system and chemical injection, as well as increase well pad safety by adding lights to the location.

Access into the proposed power lines will be from existing highways and roads. All construction and vehicular traffic will be confined to the authorized access corridor and designated county and/or BLM roads unless otherwise authorized and approved by the regulating agency

QEP Energy Company agrees to construct all power lines in accordance to standards outlined in "Suggested Practices for Raptor Protection on all Power lines" Raptor Research Foundation, Inc., 1981.

All work will be done in accordance with REA specifications.

QEP Energy Company is proposing a 50 ft temporary authorized access and a 15 ft permanent authorized access for power line maintenance. Minimal to no disturbance is required for the power lines following roads and existing ROW's.

The proposed power line total length will be 2,297', 15 ft in width, containing approximately .791 acres.

**6. Location and Type of Water Supply:**

Fresh water will be obtained from Wonsits Valley water right # 49-251 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes.

**7. Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

**8. Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It was determined at the on-site inspection that a pit liner is necessary; the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.



**9. Ancillary Facilities:**

See attached Figure #4

The pipeline will be 6" flex steel. The pipelines will be buried 4 to 6 feet deep and the ditch will be approximately 4 feet wide. The pipeline will be laid within 20 feet of existing roads, pipelines, or existing route authorizations as much as possible. Pipeline Route Authorizations will be 30' wide and the location noted on maps accompanying the APD.

The pipeline total length will be 3,434' in length, 30' in width, containing approximately 2.365 acres.

**10. Well Site Layout:**

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pits, flare pit or flare box, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface material stockpile(s) will be included with the site specific APD.

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

**11. Fencing Requirements:**

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least

42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed.

**12. Reclamation Plan:**

Reclamation will follow QEP Energy Company, Uinta Basin Division's Reclamation Plan, September 2009 (QEP Energy Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disced if needed.

Water courses and drainages will be restored.  
Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in QEP Energy Company's Reclamation Plan. Weed control will be conducted as stated in QEP Energy Company's Reclamation Plan.

A reference site and weed data sheet have been established and are included in this application.

Please see attached Weed Data Sheet.

**Dry Hole/Abandoned Location:**

On lands administered by the BLM abandoned well sites, roads, and other

disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems; reestablishment of appropriate soil conditions; and, the reestablishment of vegetation as specified.

All disturbed surfaces will be recontoured to approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment.

At final abandonment, the Operator will cap the casing with a metal plate a minimum of 0.25 inch thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole. The depth of the permanent cap will be determined at the time of final abandonment. Long-term reclamation will then be applied and will follow the reclamation process described in this plan. When reclamation is deemed successful by the Operator and the BLM, the Operator will request a bond release.

**13. Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

**14. Other Information:**

Drilling rigs and/or equipment used during drilling operations will not be stacked or stored on Federal lands or State administered lands after the conclusion of drilling operations or at any other time without authorization by the BLM Authorized Officer. If BLM authorization is obtained, such storage is only a temporary measure.

A Class III archeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on April 15, 2013 and June 25, 2013, **State of Utah Antiquities Report U-13-MQ-0206b,s and U-13-MQ-0403b** by Montgomery Archaeology Consultants. Cultural resource clearance has been recommended for this project.

A paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on July 31, 2013, Report **No. IPC 13-21** by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide Paleo monitor if needed.

**Per the onsite meeting on May 8, 2013**, the following items were requested/discussed.

There is 6" topsoil.

QEP Energy Company proposes to drill a produced fluids disposal well to a total vertical depth of 3,353'.

Injection into the well will not commence until EPA provides written permission to inject.

QEP Energy Company agrees to the terms and conditions of the lease.

Bond coverage for this well is provided by Bond No. ESB0000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2. The operation of the Produced Fluid Disposal Well by the EPA is covered under Surety Bond 965-003-769.

CONFIDENTIAL



**Lessee's or Operator's Representative & Certification:**

Valyn Davis  
Regulatory Affairs Analyst  
QEP Energy Company  
11002 East 17500 South  
Vernal, UT 84078  
(435) 781-4369

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

QEP Energy Company is considered to be the operator of the subject well.  
QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

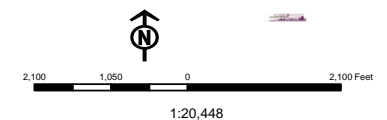
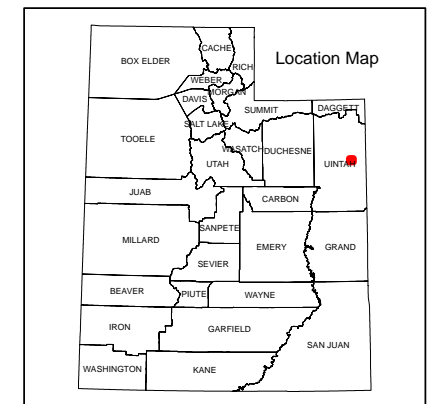
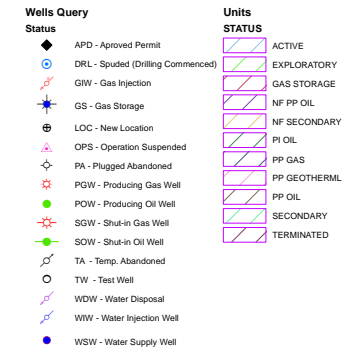
Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by  
Bond No. ESB000024

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
\_\_\_\_\_  
Valyn Davis

9/18/2013  
\_\_\_\_\_  
Date

Map Prepared: 9/24/2013  
Map Produced by Diana Mason





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

## IN REPLY REFER TO:

3160

(UT-922)

September 30, 2013

## Memorandum

To: Assistant Field Office Manager Minerals,  
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Red Wash Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells will be drilled as water disposal wells in the Red Wash Unit, Uintah County, Utah. The work is planned for calendar year 2013 within the Red Wash Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed IZ Birds Nest)		
43-047-53994	RW 43-35B SWD	Sec 35 T07S R23E 1980 FSL 0660 FEL
43-047-53995	RW 33-34B SWD	Sec 34 T07S R23E 1922 FSL 1804 FEL
43-047-53996	RW 14-35B SWD	Sec 35 T07S R23E 0660 FSL 0660 FWL
43-047-53997	RW 41-32B SWD	Sec 32 T07S R23E 0710 FNL 0547 FEL
43-047-53998	RW 31-32B SWD	Sec 32 T07S R23E 1272 FNL 2260 FEL

This office has no objection to permitting the wells at this time.

Michael Coulthard

Digitally signed by Michael Coulthard  
DN: cn=Michael Coulthard, o=Bureau of Land Management,  
ou=Division of Minerals, email=mcoulthard@blm.gov, c=US  
Date: 2013.09.30 12:55:22 -0600

bcc: File - Red Wash Unit

Division of Oil Gas and Mining

Central Files

Agr. Sec. Chron

Fluid Chron

MCoulthard:mc:9-30-13

RECEIVED: October 01, 2013

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/18/2013

API NO. ASSIGNED: 43047539950000

WELL NAME: RW 33-34B SWD

OPERATOR: QEP ENERGY COMPANY (N3700)

PHONE NUMBER: 435 781-4369

CONTACT: Valyn Davis

PROPOSED LOCATION: NWSE 34 070S 230E

Permit Tech Review: ☒

SURFACE: 1922 FSL 1804 FEL

Engineering Review: ☐

BOTTOM: 1922 FSL 1804 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.16412

LONGITUDE: -109.31015

UTM SURF EASTINGS: 643902.00

NORTHINGS: 4447342.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU0933

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: FEDERAL - ESB000024
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 49-251/49-2153
- ☐ RDCC Review:
- ☐ Fee Surface Agreement
- ☐ Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

- ☐ R649-2-3.
- Unit: RED WASH
- ☐ R649-3-2. General
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: Cause 187-07
- Effective Date: 9/18/2001
- Siting: Suspends General Siting
- ☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

RECEIVED: October 01, 2013





GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** RW 33-34B SWD  
**API Well Number:** 43047539950000  
**Lease Number:** UTU0933  
**Surface Owner:** FEDERAL  
**Approval Date:** 10/1/2013

### Issued to:

QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 187-07. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

### Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0933
<b>1. TYPE OF WELL</b> Water Disposal Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> RED WASH
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South, Vernal, Ut, 84078		<b>8. WELL NAME and NUMBER:</b> RW 33-34B SWD
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1922 FSL 1804 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 34 Township: 07.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047539950000
<b>PHONE NUMBER:</b> 303 308-3068 Ext		<b>9. FIELD and POOL or WILDCAT:</b> RED WASH
<b>COUNTY:</b> Uintah		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>10/1/2015</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the

October 14, 2014

Oil, Gas and Mining

Date: \_\_\_\_\_

By:

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/2/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047539950000**

**API:** 43047539950000

**Well Name:** RW 33-34B SWD

**Location:** 1922 FSL 1804 FEL QTR NWSE SEC 34 TWNP 070S RNG 230E MER S

**Company Permit Issued to:** QEP ENERGY COMPANY

**Date Original Permit Issued:** 10/1/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Valyn Davis

**Date:** 10/2/2014

**Title:** Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0933
<b>1. TYPE OF WELL</b> Water Disposal Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> RED WASH
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South, Vernal, Ut, 84078		<b>8. WELL NAME and NUMBER:</b> RW 33-34B SWD
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1922 FSL 1804 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 34 Township: 07.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047539950000
<b>9. FIELD and POOL or WILDCAT:</b> RED WASH		<b>COUNTY:</b> Uintah
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>10/1/2016</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the  
 September 30, 2015  
 Oil, Gas and Mining

Date: \_\_\_\_\_

By:

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/30/2015	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047539950000**

**API:** 43047539950000

**Well Name:** RW 33-34B SWD

**Location:** 1922 FSL 1804 FEL QTR NWSE SEC 34 TWNP 070S RNG 230E MER S

**Company Permit Issued to:** QEP ENERGY COMPANY

**Date Original Permit Issued:** 10/1/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Valyn Davis

**Date:** 9/30/2015

**Title:** Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY





Diana Mason <dianawhitney@utah.gov>

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## Rescind APD's

Jan Nelson <Jan.Nelson@qepres.com>  
To: Diana Mason <dianawhitney@utah.gov>

Fri, Sep 30, 2016 at 3:46 PM

Hi Diana,

Will you please rescind the following APD's.

Well Name	API #
RW 43-35B SWD	<a href="#">4304753994</a>
RW 33-34B SWD	<a href="#">4304753995</a>
RW 14-35B SWD	<a href="#">4304753996</a>

Thank you,

**JAN NELSON**  
Sr. Permit Agent, Natural Gas Division

**P** 435.781.4331 \ **M** 435.828.8719

11002 East 17500 South  
Vernal \ UT \ 84078

[Jan.Nelson@qepres.com](mailto:Jan.Nelson@qepres.com)

[www.qepres.com](http://www.qepres.com)





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

October 6, 2016

Jan Nelson  
QEP Energy Company  
11002 East 17500 South  
Vernal, UT 84078

Re: APD Rescinded – RW 33-34B SWD, Sec. 34, T. 7S, R. 23E  
Uintah County, Utah API No. 43-047-53995

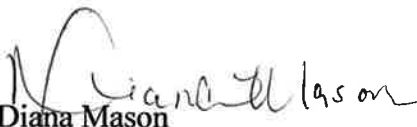
Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on October 1, 2013. On October 14, 2014 and September 30, 2015 the Division granted a one-year APD extension. On September 30, 2016, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective September 30, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

  
Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal

